

# VH04120P

4CH Professional Embedded DVR, Full D1 Real-Time Recording & Playback, 2U Height Case

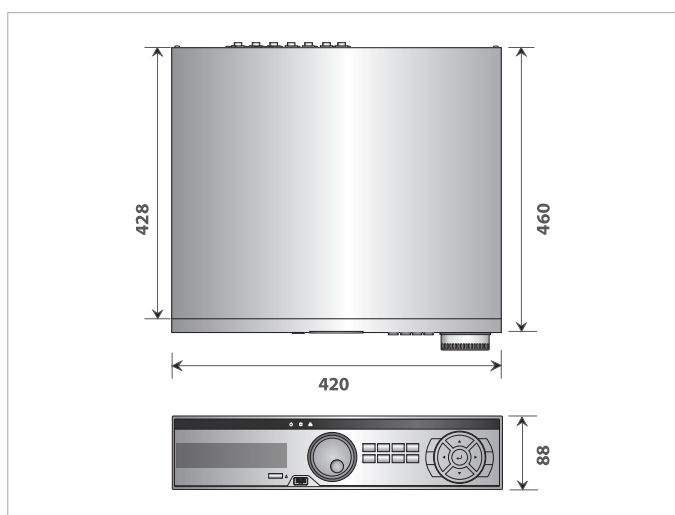


Model: VH04120P

## Features

- Automatic Upgrade of DVR F/W and Remote S/W
- POS Function up to 4 sets of POS Device
- Quick Setup to designate Recording Period
- Emergency & intensive Recording
- Dual-Stream with Adjustable fps and Resolution
- Network Bandwidth Control(25Kbps~100Mbps)
- Mobile Viewer by WAP Connection(2G & 3G Phones)
- Smart Phone Monitoring
  - iPhone & iPad & Black Berry & Android & Win Mobile Phone
- Help Message Pop-up just by One Mouse-Click
- Time Synchronization by NTP Server
- Support e-SATA

## Dimension



MODEL		VH04120P
Compression Algorithm		Video : H.264, Audio : G723.1
HDD Bay		3 x SATA HDD or 2 x SATA HDD & 1 x DVD
Operation System		Embedded Linux
Video	Input	4CH
	Loop out	Built-in
Video Mode		NTSC/PAL Selectable
Display Speed(NTSC/PAL)		120/100 fps
Video-Out (Monitor)		2 x Main Monitor (Composite & DVI) & 1 x Spot Monitor (Composite)
Recording Speed (NTSC/PAL)	352x240/288(CIF)	120/100 fps
	720x240/288 (Half D1)	120/100 fps
	720x480/576(D1)	120/100 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480, PAL : 352x288, 720x288, 720x576
Recording Mode		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Pre & Post Alarm Recording, Emergency Recording, Quick Backup
Playback & Search	Speed	x1, x2, x4, x8, x16, x32
	Playback Channel	1, 4, 9 & 16 Ch Real-Time Playback at CIF (30/25 fps per Ch)
	Function	Intelli-Search by Time Bar, Calendar (Date & Time) and Event/System Search
Audio Input / Output		4 Ch Input / 1 Ch Output
Alarm Input / Relay Output		4 Ch / 4 Ch
P/T/Z Control and Port		Virtual Joy-Stick Control on screen by Mouse / Pan/Tilt/Zoom/Focus/Iris, RS-485 Port
LAN		Gigabit Ethernet (RJ45), Fixed IP, DHCP & DDNS
Remote Management	Software	CMS (CentralManager S/W) & MMS (Mobile Viewer) & MacViewer (S/W for Mac OS)
	Web (IE)	Live Monitoring, Playback & System Configuration
Backup Device	Internal	DVD Burner (Option)
	External	Local Backup by USB ODD and Network Backup by CMS
System Recovery after Power Failure		Auto-Reboot and Journaling File System
Advanced Functions		1) Firmware Upgrade by USB & CMS over Network 2) Automatic Upgrade of DVR F/W and Remote S/W from FTP Server 3) Import & Export of Setting Value, Water-Mark, AVI File Backup 4) Quick Setup to designate Recording Period 5) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period) 6) Warning Alarm for System Over-Temperature 7) Help Message for easy setup & Multi-Language support
POS		Text-in Based (RS232, USB to Serial support, Ethernet) / Display POS Data on Live & Playback
e-SATA		External Storage Device Support (SATA Raid Controller)
System Operation		Front Button, IR Remote Controller, USB Mouse, Keyboard (Option)
Power		12V x 5A D/C
Operating Temperature and Humidity		5~40°C / 20~80% RH
Dimension (WxDxH)		420 x 428 x 88 (mm)